



**PATIENT**

Meli Aristizabal

**PRESENTING CLINICAL SIGNS**

On/off coughing, almost exclusively related to her exercising. In January she did respond to antibiotics.

**SPECIES**

Canine

**RADIOGRAPHIC STUDY OF THE NECK AND THORAX**

Radiographs of the neck and thorax in three imaging planes are provided for review.

**BREED**

Aust. Shep.

**RADIOGRAPHIC FINDINGS**

The body condition score is 8/9.

**SEX**

FS

The osseous and surrounding soft tissue structures of the neck are within normal limits.

The surrounding bony structures are within normal limits.

The extrathoracic soft tissues present homogeneous without abnormalities.

The cardiac silhouette is prominent.

**AGE**

1

The cranial mediastinum presents the expected soft tissue opacity. The mediastinal width is less than twice the width of the vertebral column at the same level.

**INTERPRETED BY**

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

The trachea is normal in diameter and presents the anticipated course. The luminal outline of the trachea is smooth.

The bronchial tree presents with thin walls and tapers uniformly towards the periphery as expected.

**HOSPITAL NAME**

Sunridge Vet Clinic

The lung parenchyma presents a generalized moderate unstructured reticular pattern, effacing the peripheral lung vessels

The diaphragm is well delineated with even surface and the expected mild cranial bulging of the diaphragmatic cupola.

**REFERRING VET**

Dr. Magill

**RADIOGRAPHIC DIAGNOSIS**

- Obesity
- Moderate unstructured interstitial lung pattern
- Mild cardiomegaly
- Normal neck

**INVOICE**

51953

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**DATE**

5-6-22

Possible differential diagnoses for the unstructured interstitial lung pattern include:

- Infection (bacterial, fungal e.g. candida, viral, Rickettsia, Spirochetes, parasitic)
- Inflammation (allergic e.g. eosinophilic bronchopneumonia and PIE, smoke inhalation, acute glomerulonephritis)
- Autoimmune hemolytic anemia (AIHA)



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- Polycythemia
- (· Fibrosis)
- (· Tumor (lymphoma, lymphomatosis carcinogenos, myelocytic leukemia))

**SPECIES**

Canine

Lab-work is beneficial to check for possible inflammatory changes (e.g. neutrophilia. An endoscopic examination with BAL would be ideal for further workup as well. A fecal examination and diagnostic therapy with anthelmintic drugs may be tried as a clinical trial as well to rule out parasitic bronchitis.

**BREED**

Aust. Shep.

Obesity is a known predisposing factor for cough as well.

The cardiomegaly can be a subjective impression due to combination of thoracic conformation and pericardial fat, however if a cardiac murmur is present a cardiac echo would be ideal to rule out congenital cardiac disease.

**SEX**

FS

**AGE**

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**INTERPRETED BY**

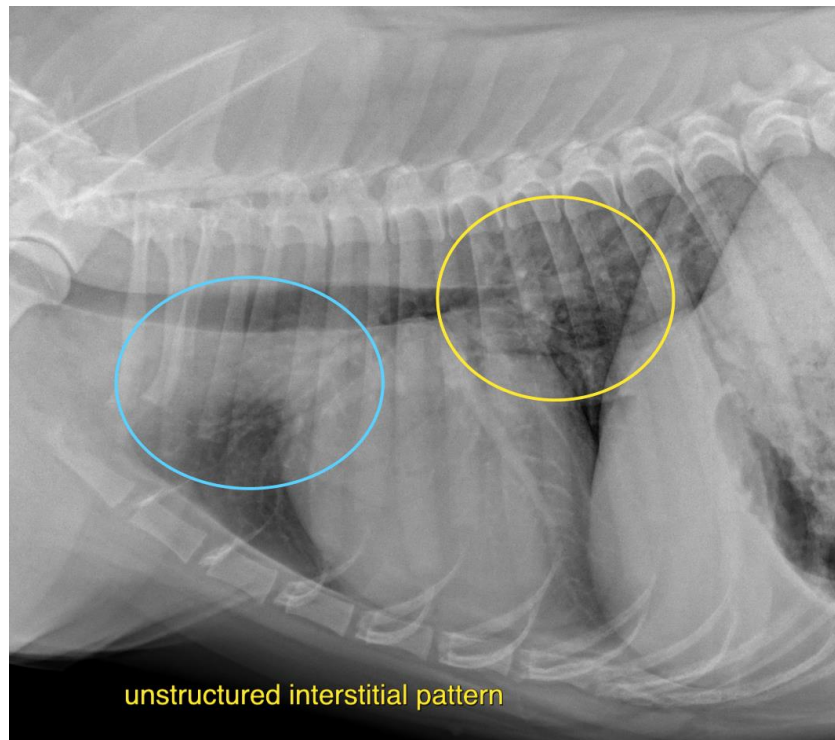
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

**DATE**

5-6-22

Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance please contact me.

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